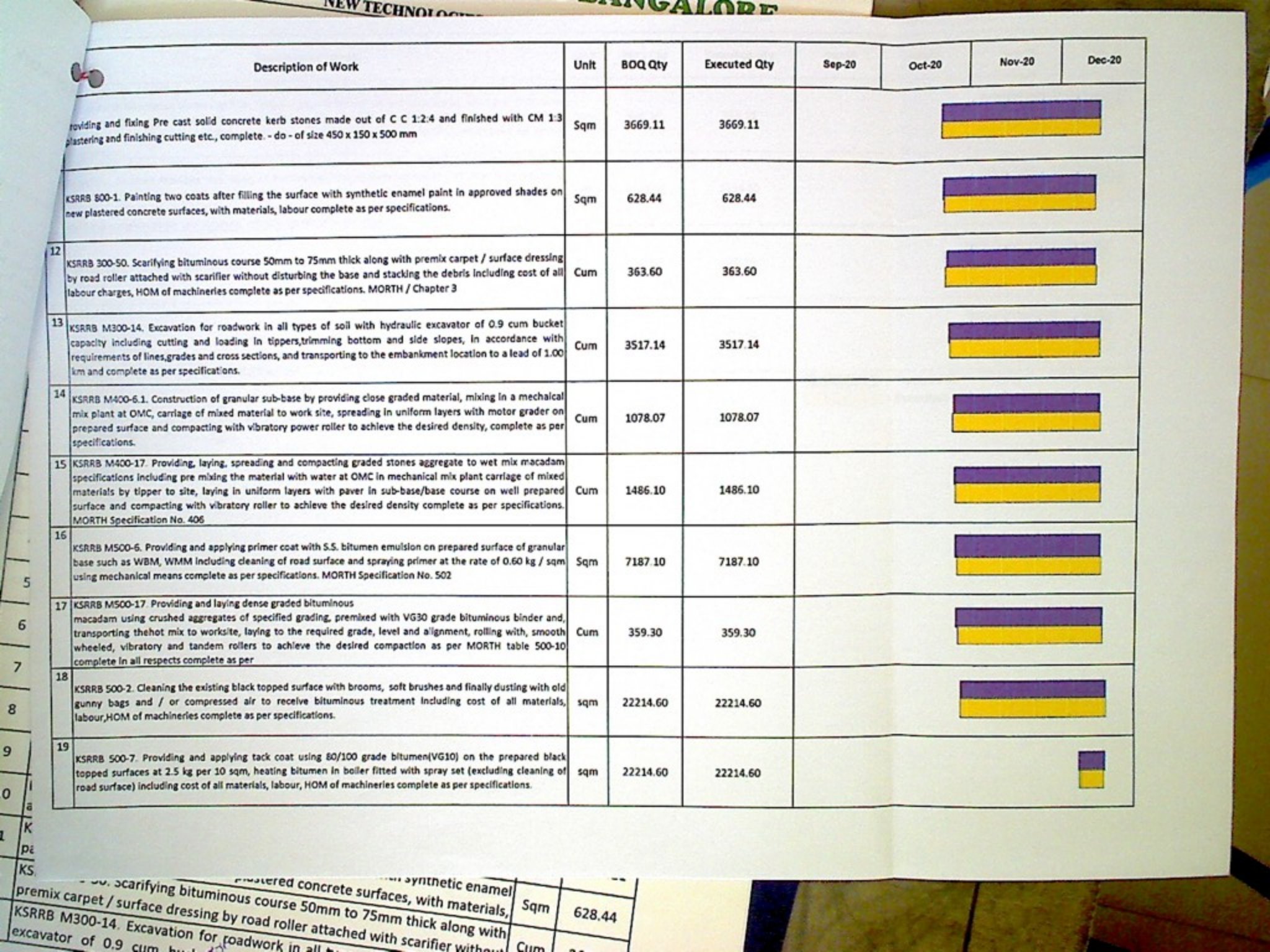
BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Sl No	Description of Work	Unit	BOQ Qty	Executed Qty	Sep-20	Oct-20	Nov-20	Dec-20
1	Refixing and refixing stone slabs of drains and pointing in C.M (1:3) (Pg no 27/5.33)	Sqm	3812.59	3812.59				
2	KSRRB 300-3. Earthwork excavation and forming in embankment by manual means in ordinary soil (When earth is taken from bank cutting or from borrow pits) including breaking of clods, spreading to required line and level, forming, and cost of all labour complete as per specifications. (excluding watering and compaction of earth) (with all lead and lift) MORTH / Chapter 3	Cum	2335.95	2335.95				
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Pg no 13/item no 4.2 PWD SR 2018-19	Cum	34.65	34.65				
4	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification	Tonne	8.03	8.03				
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	612.00	612.00				
6	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with 'super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including	Cum	153.90	153.90				
7	Providing and laying precast drain cover slab of 100mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc.., cmplete as per the directions of the Engineer in charge. (1.20 x 0.60 x 0.10) Data rate	Sqm	1646.51	1646.51				
8	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.2 x 0.60 x 0.10)Data rate	Nos	170.24	170.24				
9	Removing and resetting of kerb stones	Sqm	3665.90	3665.90				

	...ing two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, ...complete. - do -	...qm	3669.11
12	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without	Sqm	628.44
13	KSRRB M300-14. Excavation for roadwork in all types of soil with hyde... excavator of 0.9 cum bucket capacity, includi...	Cum	363.60

	Description of Work	Unit	BOQ Qty	Executed Qty	Sep-20	Oct-20	Nov-20	Dec-20
	roviding and fixing Pre cast solid concrete kerb stones made out of C C 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. - do - of size 450 x 150 x 500 mm	Sqm	3669.11	3669.11				
	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	Sqm	628.44	628.44				
12	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. MORTH / Chapter 3	Cum	363.60	363.60				
13	KSRRB M300-14. Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers,trimming bottom and side slopes, in accordance with requirements of lines,grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specifications.	Cum	3517.14	3517.14				
14	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechalcal mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications.	Cum	1078.07	1078.07				
15	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	1486.10	1486.10				
16	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502	Sqm	7187.10	7187.10				
17	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting thehot mix to worksite, laying to the required grade, level and alignment, rolling with, smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per	Cum	359.30	359.30				
18	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour,HOM of machineries complete as per specifications.	sqm	22214.60	22214.60				
19	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	sqm	22214.60	22214.60				



	Description of Work	Unit	BOQ Qty	Executed Qty	Sep-20	Oct-20	Nov-20	Dec-20
	803 M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, mixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 complete in all respectscomplete as per specifications.	Cum	888.59	888.59				
	KSRB M800-13.Road Marking with Hot Applied ThermoplasticCompound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	sqm	1139.60	1139.60				
22	Removing and resetting of footpath slab	Sqm	580.50	580.50				
23	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM	Sqm	193.50	193.50				

= Planned %
= Executed %

Ramesh Gowda

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	surfaces, with materials,	Sqm	628.44
	30. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without		
	KSRRB M300-14. Excavation for roadwork in all t	Cum	
	excavator of 0.9 cum bu		